

ABSTRACT OF THE DISCLOSURE

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An object of the invention is to make it possible to perform, stably in a short time, a focus jump for enabling a focus control on each of a plurality of recording layers of a disc in such a manner that its effect is not absorbed by disturbance or a variation in the movement speed of an objective lens. To attain this object, there are provided means for monitoring the level of a focus error signal, means for rejecting noise from the focus error signal, speed detecting means for detecting a movement speed of an objective lens, and speed control voltage generating means for generating a voltage for controlling the objective lens based on the movement speed detected by the speed detecting means. A movement speed of the objective lens is detected during a focus jump, a lens drive signal corresponding to the detected movement speed is generated, and an end position of the focus jump is determined based on behavior of the focus error signal immediately before the end of the focus jump, whereby a focus control is pulled, from a focus point corresponding to one recording layer, into a focus point corresponding to another recording layer forcibly in a stable manner.